

6-28-06

Subject: Wind-lock M-series threaded fastener – Part No. M-11

Description: #14 diameter x 8" long, self-drilling fastener. #3 Phillips drive, single-lead, buttress thread.

Uses: Steel decking and framing – 18 GA. to 26 GA.  
Wood framing and sheathing  
Masonry, with proper pre-drill

Coating: Thermoset epoxy. Exceeds Factory Mutual #4470, (DIN 50018, 2.0 liter SO2) – 15 cycles with less than 15% red rust. This tough, durable coating offers excellent humidity protection, (per ASTM D2247), as well as excellent chip, mar, abrasion, and impact resistance.

Performance:



Pullout - Metal

Thickness (GA.)	18	20	22	24	26
Pounds	918	693	534	419	277

Pullout - Plywood

Thickness	3/8"	1/2"	3/4"
Pounds	326	436	728

Pullout - Wooden Plank

Thickness	1"	1-1/4"	1-1/2"
Pounds	595	916	1104

Pullout - Concrete (3000 PSI, with 3/16" Dia. pre-drill)

Depth	1"	1-1/2"	2"
Pounds	844	1394	2227

Ultimate tensile strength of fastener – 4144 pounds

Ultimate shear strength of fastener – 1957 pounds

Note: Test results are ultimate strength values, and were obtained under laboratory conditions. Appropriate safety factors should be applied.